



# M58 Smoke Obscurant System – “*THE WOLF*”

**Description:** The M58 Wolf is a mechanized armored vehicle which provides large area multispectral obscurant screening for maneuvering forces. Major components include a turbine smoke generator system, AN/VAS-5 Driver's Vision Enhancer (DVE), M8A3 Gas Particulate Filter Unit (GPFU), M259 smoke grenade launchers, and a Single Channel Ground-Airborne Radio System (SINCGARS). To enhance mobility and maneuverability, the M58 uses a dedicated chassis consisting of a modified M113A3 vehicle. Without refueling or resupplying obscurant material, the M58 is capable of continuously producing 90 minutes of visual and 30 minutes of Infrared (IR) screens. Future planned materiel changes will allow the addition of a Millimeter Wave (MMW) obscurant module. The M58, operated by a three-person crew, has the capability to counter the threat arising from the wide proliferation of advanced visual and IR sensors and future MMW sensors.



**Background:** The M58 Wolf enhances the maneuver commander's ability to deploy his forces. The Chemical Smoke Platoon is comprised of seven (7) M58 vehicles. Six (6) of these vehicles are organized into two (2) squads and led by the Smoke Platoon Leader in the seventh vehicle. Missions include static and mobile visual and/or IR screening (haze, blanket, curtain) to conceal ground maneuver forces, breaching and recovery operations. Multiyear contracts were awarded to Robotic Systems Technology for M58 Smoke Generator Components; Raytheon Texas Instruments for DVEs; and Hunter Protection Systems for GPFUs in 2QFY96. Anniston Army Depot was awarded the contract to fabricate the M58 mounting kit and complete the conversion of M113A2 vehicles into M58 systems beginning 4QFY96.

**Status:** The M58 Wolf completed production in September 2000. Processes are underway to transition program management to the SBCCOM IMMC at Rock Island, IL.

**Modernization Through Spares (MTS):** In order to reduce O&S costs, PM-Obscuration and Decontamination Systems has been aggressively updating fielded systems through an MTS strategy.

## *THE M58 WOLF: “RUN WITH THE PACK”*



For additional information, please contact Product Manager-Obscuration and Decontamination Systems, ATTN: AMSSB-PM-RNN-O, Aberdeen Proving Ground, MD 21010-5424. The Product Manager can also be contacted by E-mail ([pm.ods@sbccom.apgea.army.mil](mailto:pm.ods@sbccom.apgea.army.mil)), by telephone at (410) 436-2804 or DSN 584-2804, or by fax to (410) 436-8803.